

DELTA PROTECTION COMMISSION

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To: Delta Protection Commission
From: Lori Clamurro, Delta Protection Commission Staff
Subject: Update on the Grasslands Bypass Project

The monitoring reports for the months of March and April have been received by interested parties, and the results have been summarized on the accompanying chart. The selenium loads for March 1998 were 1600 lbs. of selenium, which exceeds the load value of 1066 lbs. by 50 percent. April's selenium loads were 1554 lbs. of selenium, which exceeds April's load value of 799 lbs. by 94 percent. The report on May's selenium loads has not yet been released, but was estimated at 850 lbs. of selenium, which exceeds May's load value of 599 lbs. by 42 percent. However, it is expected that May's selenium loads will be significantly higher than the previously estimated 850 lbs., because of the unexpectedly large (and previously underestimated) selenium loads for March and April.

At the May 28 meeting in Sacramento, the Storm Event of February 1998 was discussed in the context of whether or not it could be classified as "unforeseeable/uncontrollable". A report will be circulated in which a recommendation is being made that the storm event should be classified as "unforeseeable/uncontrollable", in which case Grassland Area Farmers will not be held responsible for the full amounts of selenium exceedance. The methodology for determining what portion of the exceedances GAF will be responsible for is as follows:

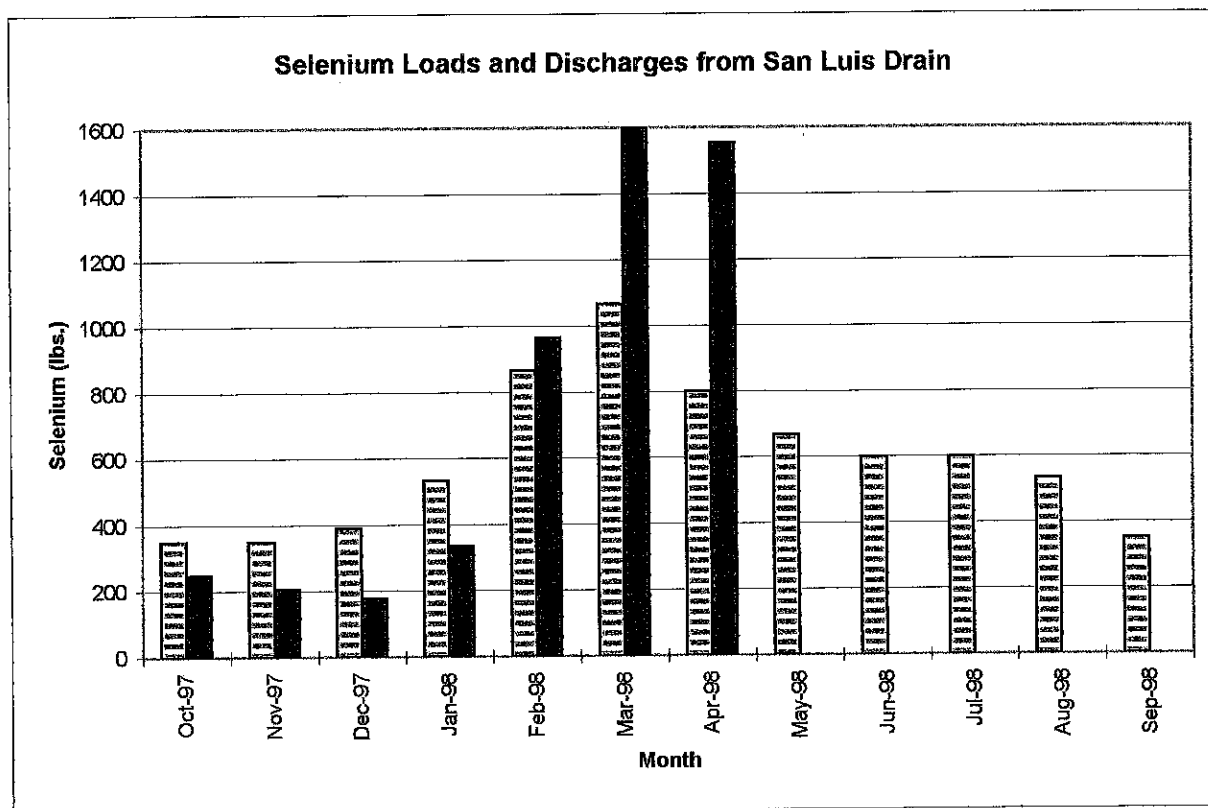
- Partitioning of drainage flows into four categories (Subsurface drainage from irrigation and base flows; Surface runoff from upper watershed; Surface runoff from the drainage area; and Subsurface drainage induced from local rainfall)
- Calculation of selenium loads
- Partitioning drainage flows and loads for the 1986 to 1994 base period
- Calculation of load credit

A factor of uncertainty will be weighed into the numbers obtained in this procedure.

The Central Valley Regional Water Quality Control Board will consider waste discharge requirements for the San Luis & Delta-Mendota Water Authority and the Bureau of Reclamation's Grasslands Bypass Project at its meeting on Friday, July 24, at 9:00 a.m. The new selenium load values which are part of the waste discharge requirements under consideration have been included in this memo. These waste discharge requirements would remain effective for the remainder of the five-year project terminating in September 2001 absent the adoption of another project.

Second Year of Monitoring Activities

<u>Month</u>	<u>Load Value (lbs.)</u>	<u>Load Discharge (lbs.)</u>	<u>Exceedance Amount</u>
Oct-97	348	248	IN COMPLIANCE
Nov-97	348	207	IN COMPLIANCE
Dec-97	389	178	IN COMPLIANCE
Jan-98	533	335	IN COMPLIANCE
Feb-98	866	965	11%
Mar-98	1066	1600	50%
Apr-98	799	1554	94%
May-98	666		
Jun-98	599		
Jul-98	599		
Aug-98	533		
Sep-98	350		



**APPENDIX A
SELENTUM LOAD VALUES**

	2-YEAR LOAD VALUES 10/96 - 9/98 (Se lbs)	3-YEAR LOAD VALUES 10/98 - 9/99 (Se lbs)	4-YEAR LOAD VALUES 10/99 - 9/00 (Se lbs)	5-YEAR LOAD VALUES 10/00 - 9/01 (Se lbs)
Oct	348	348	348	348
Nov	348	348	348	348
Dec	389	389	389	389
Jan	533	506	479	453
Feb	866	823	779	736
March	1066	1013	959	906
April	799	759	719	679
May	666	633	599	566
June	599	569	539	509
July	599	569	539	509
Aug	533	506	480	453
Sept	350	350	350	350
12-MONTH TOTAL ¹	7096	6813	6528	6246
ANNUAL LOAD VALUES	6660 ²	6327 ³	5994 ⁴	5661 ⁵